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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

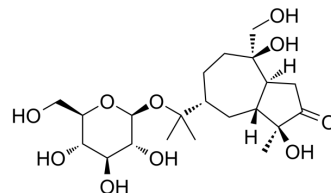
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Atractyloside A

Cat. No.:	HY-N0237		
CAS No.:	126054-77-1		
Molecular Formula:	C ₂₁ H ₃₆ O ₁₀		
Molecular Weight:	448.5		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (111.48 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2297 mL	11.1483 mL	22.2965 mL
	5 mM	0.4459 mL	2.2297 mL	4.4593 mL
	10 mM	0.2230 mL	1.1148 mL	2.2297 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (4.64 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (4.64 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (4.64 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Atractyloside A is a natural TCM reference compound.

CUSTOMER VALIDATION

- Int J Mol Med. 2020 Aug;46(2):663-674.

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- Front Microbiol. 2023 Jan 10;13:1067725.
 - Bull Exp Biol Med. 2023 May 10.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Song R, Bian H, Huang X, Zhao KS. Atractyloside induces low contractile reaction of arteriolar smooth muscle through mitochondrial damage [published correction appears in J Appl Toxicol.2013 Oct;33(10):1192]. J Appl Toxicol. 2012;32(6):402-408.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA